

10/539567  
JC17 Rec'd PCT/PTO 17 JUN 2005**IN THE CLAIMS(as found in the appln. filed with the Demand):**

1. **(Currently Amended)** ~~The multilayered~~ Multilayered steel armour consisting of ~~the~~ a front-face ballistic-resistant armour layer (1) and ~~the~~ a backing armour layer (2), which are fully metallurgically bonded by means of at least one joining metallic intermediate layer (3), for example, by casting, wide-area welding techniques, using technology of explosive cladding (high-velocity impact cladding), by roll welding or by a combination of the previous techniques, ~~characterized by the fact, that~~ wherein the joining metallic intermediate layer (3) between the front-face ballistic-resistant armour layer (1) and the backing armour layer (2) is made from ~~the~~ material featuring ~~the~~ face-centered cubic crystalline lattice (FCC lattice), in particular, from ~~the~~ nickel alloy containing maximally 98.0 wt% of nickel and/or from steel.

2. **(Currently Amended)** ~~The multilayered~~ Multilayered steel armour according to claim 1, ~~wherein characterized by the fact, that~~ the material of the joining metallic intermediate layer (3) contains between 50.0 wt% and 98.0 wt% of nickel, between 0.1 wt% and 45.0 wt% of at least one of the alloying elements such as chromium, molybdenum, manganese, niobium, titanium, iron and the rest making some other accompanying elements and usual impurities.

3. **(Currently Amended)** ~~The multilayered~~ Multilayered steel armour according to claim 1, ~~wherein characterized by the fact, that~~ the material of the joining metallic intermediate layer (3) contains between

5.0 wt% and 50.0 wt% of nickel, in total between 0.1 wt% and 40.0 wt% of chromium, manganese, molybdenum, niobium and titanium ~~in the role of as~~ alloying elements, while the rest of the content is iron and other accompanying elements and usual impurities.

4. **(Currently Amended)** ~~The multilayered~~ Multilayered steel armour according to claim 1, ~~wherein characterized by the fact, that the~~ material of the joining metallic intermediate layer (3) contains from 8.0 wt% to 30.0 wt% of manganese, in total from 0.1 wt% to 30.0 wt% of chromium, nickel, vanadium, silicone and carbon ~~in the role of as~~ alloying elements while the rest is represented by iron and other accompanying elements and usual impurities.

5. **(Currently Amended)** ~~The multilayered~~ Multilayered steel armour according to ~~at least one of the previous claims, characterized by the fact, that there is~~ claim 1, including at least one additional internal armour layer (4,5) placed between the front-face ballistic-resistant layer (1) and the backing armour layer (2) while the joining metallic intermediate layers (3) are arranged accordingly between all the armour layers (1, 2, 4, 5) present in ~~the an~~ an armour sandwich.

6. **(Currently Amended)** ~~The multilayered~~ Multilayered steel armour according to claim 5, ~~wherein characterized by the fact, that the~~ inserted internal armour layers (4,5) is formed from steel containing from 0.2 wt% to 0.9 wt% of carbon, from 0.1 wt% and 2.0 wt% of manganese, from 0.2 wt% to 2.0 wt% of chromium, from 0.3 to 4.5 wt%

of nickel, from 0.1 wt% to 1.0 wt% of molybdenum, from 0.1 wt% to 2.0 wt% of silicone and no more than about 0.01 wt% of boron while the rest is formed by iron and other accompanying elements and usual impurities.